

## EAST Search History

| Ref # | Hits | Search Query  | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|------|---|----------|------------------|---------|------------------|
| L2    | 1    | ((firewall fire-wall (fire near1 wall))<br>AND virtual adj private and network<br>AND public adj network AND first AND<br>(second plurality multiple) AND (DNS<br>domain adj name adj server)).CLM. | US-PGPUB | OR               | OFF     | 2007/03/13 19:34 |

## EAST Search History

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------|------------------|---------|------------------|
| S1    | 4    | 713/201.ccls. and (firewall same valid) and (invalid) and (time with period)  | USPAT                        | OR               | OFF     | 2004/06/15 13:28 |
| S2    | 1    | 713/201.ccls. and (firewall same valid) same (time with period) same (packet) and (invalid)   | USPAT                        | OR               | OFF     | 2003/12/04 09:39 |
| S3    | 2    | 713/201.ccls. and (firewall same valid) same (time with period) and (invalid)   | USPAT                        | OR               | OFF     | 2003/12/04 13:57 |
| S4    | 1    | ("6061798").PN.   | USPAT;<br>USOCR              | OR               | OFF     | 2003/12/04 09:41 |
| S5    | 13   | 713/201.ccls. and (firewall same valid) and (invalid)   | USPAT                        | OR               | OFF     | 2003/12/04 13:54 |
| S6    | 1    | ("5623601").PN.   | USPAT;<br>USOCR              | OR               | OFF     | 2003/12/04 13:55 |
| S7    | 1    | ("5550984").PN.   | USPAT;<br>USOCR              | OR               | OFF     | 2003/12/04 13:55 |
| S8    | 1    | ("5550984").PN.   | USPAT;<br>USOCR              | OR               | OFF     | 2003/12/04 13:55 |
| S9    | 1    | ("5548721").PN.   | USPAT;<br>USOCR              | OR               | OFF     | 2003/12/04 13:56 |
| S10   | 1    | ("6654892").PN.   | USPAT;<br>USOCR              | OR               | OFF     | 2003/12/04 13:56 |
| S11   | 1    | ("6453419").PN.   | USPAT;<br>USOCR              | OR               | OFF     | 2003/12/04 13:56 |
| S12   | 0    | 713/201.ccls. and (firewall) same (time with period) and (invalid) and (change adj root)  | USPAT                        | OR               | OFF     | 2004/06/15 12:44 |
| S13   | 1    | 713/201.ccls. and (firewall) and (change adj root) same (command)   | USPAT                        | OR               | OFF     | 2004/06/15 12:45 |
| S14   | 0    | 713/201.ccls. and (firewall) and (change adj root adj command)  | USPAT                        | OR               | OFF     | 2003/12/04 13:58 |
| S15   | 0    | "713".clas. and (firewall) and (change adj root adj command)  | USPAT                        | OR               | OFF     | 2003/12/04 13:58 |
| S16   | 3    | "713".clas. and (firewall) and (change adj4 root same command)  | USPAT                        | OR               | OFF     | 2003/12/04 13:59 |
| S17   | 3    | ("6304975").URPN.   | USPAT                        | OR               | ON      | 2004/06/15 12:38 |
| S18   | 20   | ("5481611"   "5511122"   "5604803"   "5606668"   "5699513"   "5724425"   "5751812"   "5822434"   "5826014"   "5828846"   "5842040"   "5845068"   "5850449"   "5884025"   "5991881"   "5999932"   "6061798"   "6070242"   "6304975"   "6453345").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2004/06/15 12:39 |

## EAST Search History

|     |      |   |                              |    |     |                  |
|-----|------|---|------------------------------|----|-----|------------------|
| S19 | 23   | ("4713753"   "4727243"   "4799153"   "4799156"   "5191611"   "5241594"   "5416842"   "5483661"   "5491752"   "5495533"   "5548721"   "5550984"   "5577209"   "5590199"   "5602918"   "5606668"   "5623601"   "5632011"   "5636371"   "5638448"   "5657452"   "5668876"   "5687235").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/06/15 12:44 |
| S20 | 0    | 713/201.ccls. and (firewall) same (time with period) and (invalid) and (change adj root)  | USPAT                        | OR | OFF | 2004/06/15 12:45 |
| S21 | 0    | (firewall) same (time with period) and (invalid) and (change adj root)  | USPAT                        | OR | OFF | 2004/06/15 12:45 |
| S22 | 1    | 713/201.ccls. and (firewall) and (change adj root) same (command)   | USPAT                        | OR | OFF | 2004/06/15 12:45 |
| S23 | 6    | ("5343524"   "5414833"   "5490252"   "5606668"   "5623601"   "6119236").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/06/15 12:55 |
| S24 | 31   | (firewall same valid) and (invalid) and (time with period)  | USPAT                        | OR | OFF | 2004/06/15 13:30 |
| S25 | 3716 | firewall  | USPAT                        | OR | OFF | 2004/06/15 13:30 |
| S26 | 3769 | (firewall fire-wall)  | USPAT                        | OR | OFF | 2004/06/15 13:31 |
| S27 | 5901 | (firewall fire-wall (fire adj wall) (fire near2 wall))  | USPAT                        | OR | OFF | 2004/06/15 14:06 |
| S28 | 5265 | (firewall fire-wall (fire adj wall) (fire near1 wall))  | USPAT                        | OR | OFF | 2004/06/25 22:20 |
| S29 | 1    | S28 and time adj period with (valid same invalid)   | USPAT                        | OR | OFF | 2004/06/15 13:42 |
| S30 | 3071 | (firewall fire-wall (fire adj wall) (fire near1 wall)) and @ad>"19960206"   | USPAT                        | OR | OFF | 2004/06/15 13:44 |
| S31 | 0    | S30 and denial adj attack   | USPAT                        | OR | OFF | 2004/06/15 13:44 |
| S32 | 0    | denial adj attack   | USPAT                        | OR | OFF | 2004/06/15 13:43 |
| S33 | 38   | denial near2 attack   | USPAT                        | OR | OFF | 2004/06/15 13:43 |
| S34 | 14   | S30 and denial near2 attack   | USPAT                        | OR | OFF | 2004/06/15 13:45 |
| S35 | 16   | S28 and denial near2 attack   | USPAT                        | OR | OFF | 2004/06/15 13:45 |
| S36 | 93   | S28 and (determin\$3 with time adj period)  | USPAT                        | OR | OFF | 2004/06/15 14:06 |
| S37 | 0    | S28 and (determin\$3 with time adj period) with (valid invalid)   | USPAT                        | OR | OFF | 2004/06/15 13:49 |
| S38 | 2    | S28 and (determin\$3 with time adj period) same (valid invalid)   | USPAT                        | OR | OFF | 2004/06/15 13:49 |
| S39 | 134  | (firewall fire-wall (fire adj wall) (fire near2 wall)).ti.  | USPAT                        | OR | OFF | 2004/06/15 14:06 |
| S40 | 36   | ("5828833").URPN.   | USPAT                        | OR | ON  | 2004/06/15 14:15 |

## EAST Search History

|     |    |   |                              |    |     |                  |
|-----|----|---|------------------------------|----|-----|------------------|
| S41 | 11 | ("5455953"   "5541911"   "5544322"   "5550984"   "5606668"   "5608662"   "5623601"   "5649099"   "5699513"   "5706427"   "5708780").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/06/15 14:16 |
| S42 | 2  | (firewall fire-wall (fire near1 wall)) with public near1 network.ti.  | USPAT                        | OR | OFF | 2004/06/25 22:21 |
| S43 | 11 | (firewall fire-wall (fire near1 wall)) with public near1 network.ab.  | USPAT                        | OR | OFF | 2004/06/25 22:21 |
| S44 | 0  | 713/201.ccls. and (firewall same valid) and (invalid) and (time with period)  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S45 | 0  | 713/201.ccls. and (firewall same valid) same (time with period) same (packet) and (invalid)   | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S46 | 0  | 713/201.ccls. and (firewall same valid) same (time with period) and (invalid)   | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S47 | 1  | ("6061798").PN.   | USPAT;<br>USOCR              | OR | OFF | 2006/05/01 08:30 |
| S48 | 0  | 713/201.ccls. and (firewall same valid) and (invalid)   | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S49 | 1  | ("5623601").PN.   | USPAT;<br>USOCR              | OR | OFF | 2006/05/01 08:30 |
| S50 | 1  | ("5550984").PN.   | USPAT;<br>USOCR              | OR | OFF | 2006/05/01 08:30 |
| S51 | 1  | ("5550984").PN.   | USPAT;<br>USOCR              | OR | OFF | 2006/05/01 08:30 |
| S52 | 1  | ("5548721").PN.   | USPAT;<br>USOCR              | OR | OFF | 2006/05/01 08:30 |
| S53 | 1  | ("6654892").PN.   | USPAT;<br>USOCR              | OR | OFF | 2006/05/01 08:30 |
| S54 | 1  | ("6453419").PN.   | USPAT;<br>USOCR              | OR | OFF | 2006/05/01 08:30 |
| S55 | 0  | 713/201.ccls. and (firewall) same (time with period) and (invalid) and (change adj root)  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S56 | 0  | 713/201.ccls. and (firewall) and (change adj root) same (command)   | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S57 | 0  | 713/201.ccls. and (firewall) and (change adj root adj command)  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S58 | 0  | "713".clas. and (firewall) and (change adj root adj command)  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S59 | 1  | "713".clas. and (firewall) and (change adj4 root same command)  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S60 | 5  | ("6304975").URPN.   | USPAT                        | OR | ON  | 2006/05/01 08:30 |

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|     |      |   |                              |    |     |                  |
|-----|------|---|------------------------------|----|-----|------------------|
| S61 | 20   | ("5481611"   "5511122"   "5604803"   "5606668"   "5699513"   "5724425"   "5751812"   "5822434"   "5826014"   "5828846"   "5842040"   "5845068"   "5850449"   "5884025"   "5991881"   "5999932"   "6061798"   "6070242"   "6304975"   "6453345").PN.                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/05/01 08:30 |
| S62 | 23   | ("4713753"   "4727243"   "4799153"   "4799156"   "5191611"   "5241594"   "5416842"   "5483661"   "5491752"   "5495533"   "5548721"   "5550984"   "5577209"   "5590199"   "5602918"   "5606668"   "5623601"   "5632011"   "5636371"   "5638448"   "5657452"   "5668876"   "5687235").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/05/01 08:30 |
| S63 | 0    | 713/201.ccls. and (firewall) same (time with period) and (invalid) and (change adj root)  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S64 | 0    | (firewall) same (time with period) and (invalid) and (change adj root)  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S65 | 0    | 713/201.ccls. and (firewall) and (change adj root) same (command)   | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S66 | 6    | ("5343524"   "5414833"   "5490252"   "5606668"   "5623601"   "6119236").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/05/01 08:30 |
| S67 | 42   | (firewall same valid) and (invalid) and (time with period)  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S68 | 5393 | firewall  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S69 | 5453 | (firewall fire-wall)  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S70 | 7719 | (firewall fire-wall (fire adj wall) (fire near2 wall))  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S71 | 7051 | (firewall fire-wall (fire adj wall) (fire near1 wall))  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S72 | 1    | S71 and time adj period with (valid same invalid)   | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S73 | 4857 | (firewall fire-wall (fire adj wall) (fire near1 wall)) and @ad>"19960206"   | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S74 | 0    | S73 and denial adj attack   | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S75 | 1    | denial adj attack   | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S76 | 123  | denial near2 attack   | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S77 | 64   | S73 and denial near2 attack   | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S78 | 66   | S71 and denial near2 attack   | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S79 | 1    | S71 and (determin\$3 with time adj period) with (valid invalid)   | USPAT                        | OR | OFF | 2006/05/01 08:30 |

## EAST Search History

|     |     |   |                              |    |     |                  |
|-----|-----|---|------------------------------|----|-----|------------------|
| S80 | 5   | S71 and (determin\$3 with time adj period) same (valid invalid)   | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S81 | 136 | S71 and (determin\$3 with time adj period)  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S82 | 165 | (firewall fire-wall (fire adj wall) (fire near2 wall)).ti.  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S83 | 59  | ("5828833").URPN.   | USPAT                        | OR | ON  | 2006/05/01 08:30 |
| S84 | 11  | ("5455953"   "5541911"   "5544322"   "5550984"   "5606668"   "5608662"   "5623601"   "5649099"   "5699513"   "5706427"   "5708780").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/05/01 08:30 |
| S85 | 3   | (firewall fire-wall (fire near1 wall)) with public near1 network.ti.  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S86 | 12  | (firewall fire-wall (fire near1 wall)) with public near1 network.ab.  | USPAT                        | OR | OFF | 2006/05/01 08:30 |
| S87 | 0   | (WESINGER near RALPH near "E." COLEY near CHRISTOPHER near "D."). in.   | USPAT                        | OR | ON  | 2007/01/18 10:53 |
| S88 | 0   | (WESINGER near RALPH near "E." COLEY near CHRISTOPHER near "D."). in.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/18 10:53 |
| S89 | 20  | (WESINGER near RALPH COLEY near CHRISTOPHER ).in.   | USPAT                        | OR | ON  | 2007/01/18 10:54 |
| S90 | 0   | S89 and (firewall and multi and (interface html)).clm.  | USPAT                        | OR | ON  | 2007/01/18 10:54 |
| S91 | 0   | S89 and (firewall and multi).clm.   | USPAT                        | OR | ON  | 2007/01/18 10:57 |
| S92 | 6   | S89 and (firewall).clm.   | USPAT                        | OR | ON  | 2007/01/18 10:55 |
| S93 | 0   | S89 and (virtual and first and second and home).clm.  | USPAT                        | OR | ON  | 2007/01/18 10:58 |
| S94 | 1   | S89 and (virtual and first and second). clm.  | USPAT                        | OR | ON  | 2007/01/19 12:06 |
| S95 | 20  | (WESINGER near RALPH COLEY near CHRISTOPHER ).in.   | USPAT                        | OR | ON  | 2007/01/19 12:06 |
| S96 | 1   | S95 and (virtual adj private and first and second and firewall).clm.  | USPAT                        | OR | ON  | 2007/01/19 12:15 |
| S97 | 0   | S95 and (web-based web adj based). clm.   | USPAT                        | OR | ON  | 2007/01/19 12:15 |
| S98 | 5   | S95 and (web).clm.  | USPAT                        | OR | ON  | 2007/01/19 12:15 |